

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO.	SERIAL NO.
								503.30414C14	
								APPLICANT KATO, et al.	
								FILING DATE December 16, 1999	GROUP 3749


 JC564 U.S. PTO
 09/461432
 12/16/99

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMS	3	6	5	2	4	4	4	3-72	Lester, et al.	1	1	
SMG	3	9	8	1	7	9	1	9-76	Rosvold	1	1	
SMG	4	2	2	6	8	9	7	10-80	Coleman	1	1	
SMG	4	3	1	1	4	2	7	1-82	Coad, et al.	1	1	
SMG	4	3	1	3	8	1	5	2-82	Graves, Jr. et al.	1	1	
SMG	4	4	4	9	8	8	5	5-84	Hertel, et al.	1	1	
SMG	4	4	5	7	6	6	1	7-84	Flint, et al.	1	1	
SMG	4	5	3	4	3	1	4	8-85	Ackley	1	1	
SMG	4	5	6	3	2	4	0	1-86	Shibata, et al.	1	1	
SMG	4	6	3	4	3	3	1	1-87	Hertel	1	1	
SMG	4	7	0	5	9	5	1	11-87	Layman, et al.	1	1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES NO		
SMS		6	2	8	9	8	8	1	4-87	Japan	1	1		X	
SMG	6	2	2	0	7	8	6	6	9-87	Japan	1	1		X	
SMG		1	3	1	9	7	0	2-89	Japan	1	1			X	
SMG		1	3	1	9	7	1	2-89	Japan	1	1			X	
SMG		6	3	6	5	8	2	1-89	Japan	1	1			X	
SMG		1	1	3	5	0	1	5	5-89	Japan	1	1			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SMG		R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.

EXAMINER *Steve Gammie* DATE CONSIDERED *3-14-00*

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. 503.30414C14	SERIAL NO. 09/461 432
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(Use several sheets if necessary)		
FILING DATE December 16, 1999		GROUP 3741

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMK	4	7	1	5	7	6	4	12-87	Hutchinson	-	-	
SMK	4	8	5	1	1	0	1	7-89	Hutchinson	-	-	
SMG	4	8	3	6	7	3	3	6-89	Hertel, et al.	-	-	
SMK	4	8	3	6	9	0	5	6-89	Davis, et al.	-	-	
SMG	4	8	9	5	1	0	7	1-90	Yano, et al.	-	-	
SMG	4	9	0	2	9	3	4	2-90	Miyamura, et al.	-	-	
SML	4	9	0	3	9	3	7	2-90	Jakuniec, et al.	-	-	
SMG	4	9	0	9	6	9	5	3-90	Hurwitt, et al.	-	-	
SMK	4	9	1	1	5	9	7	3-90	Maydan, et al.	-	-	
SMK	4	9	1	5	5	6	4	4-90	Eror, et al.	-	-	
SMG	4	9	1	7	5	5	6	4-90	Stark, et al.	-	-	

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Steve Gravini*

DATE CONSIDERED

3-14-00

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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. 503.30414C14	SERIAL NO. 09/461,432
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(Use several sheets if necessary)		
APPLICANT KATO, et al.		GROUP 3749
FILING DATE December 16, 1999		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMS		5	0	0	7	9	8	1	4-91	Kawasaki, et al.	—	—	
SMS		5	2	9	2	3	9	3	3-94	Maydan, et al.	—	—	
SMS		5	4	5	2	1	6	6	9-95	Aylwin, et al.	—	—	
SMS		5	5	0	4	0	3	3	4-96	Bajor, et al.	—	—	
SMS		5	5	0	4	3	4	7	4-96	Jovanovic, et al.	—	—	
SMS		5	5	5	6	7	1	4	9-96	Fukuyama, et al.	—	—	
SMS		5	6	5	1	8	5	8	7-97	Lin	—	—	
SMS		5	6	7	5	4	6	1	10-97	Aylwin, et al.	—	—	
SMS		4	3	1	3	7	8	3	2-82	Davies, et al.	—	—	
SMS		4	3	1	8	7	6	7	3-82	Hijikata, et al.	—	—	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Steve Garvin*

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								APPLICANT KATO, et al.		
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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMA	4	9	2	4	8	9	0	5-90	Giles, et al.	134	902	
SMA	4	9	3	6	3	2	9	6-90	Michael, et al.	134	902	
SMA	5	0	1	4	2	1	7	5-91	Savage	364	550	
SMA	5	0	0	7	9	8	1	4-91	Kawasaki, et al.			
SMA	4	1	3	8	3	0	6	2-79	Niwa	156	345	
SMA	4	5	7	6	6	9	8	3-86	Gallagher, et al.	204	192	
SMA	5	0	1	4	2	1	7	5-91	Savage	364	498	
SMA	5	3	5	1	4	1	5	10-94	Brooks, et al.	34	389	
SMA	4	6	4	3	6	2	9	2-87	Takahashi, et al.	414	331	
SMA	4	8	2	4	3	0	9	4-89	Kakehi, et al.	414	217	
SMA	4	9	5	1	6	0	1	8-90	Maydan, et al.	414	217X	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
SMA	2	0	3	8	1	3	3	8	5-90	Europe					
SMA	6	4	1	2	0	3	7	1-89	Japan						
SMA		4	3	0	5	4	9	4-92	Japan						
SMA	8	7	0	7	3	0	9	5-87	PCT Int'l Appl.						
SMA		2	9	4	6	4	7	4-90	Japan						
SMA	6	0	2	4	6	6	3	5	12-85	Japan					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>Steve Gharavi</i>	DATE CONSIDERED	<i>3-14-00</i>
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
<i>SMG</i>	AA	4,969,790	11/13/90	Petz et al.			10/24/88
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>SMG</i>	AM	2-61064	03/01/90	Japan				x
<i>SMG</i>	AN	1-310553	12/14/89	Japan				x
<i>SMG</i>	AO	1-251734	10/06/89	Japan				x
<i>SMG</i>	AP	62-44571	02/26/87	Japan				x
<i>SMG</i>	AQ	62-50463	03/05/87	Japan				x
<i>SMG</i>	AR	2-106037	04/18/90	Japan				x
<i>SMG</i>	AS	57-29577	02/17/82	Japan				x
<i>SMG</i>	AT	63-153270	06/25/88	Japan (w/complete translation)				x

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>SMG</i>	AU	<i>Semiconductor Equipment Association of Japan</i> , "Terminological Dictionary of Semiconductor Equipment), front, table, page 183, back, Nov. 20, 1987.
<i>SMG</i>	AV	<i>Semiconductor Equipment Association of Japan</i> , "Semiconductor News", Vol. 4, pp. 38-43, April 10, 1987 (w/translation).
	AW	
	AX	
	AY	
	AZ	

Examiner <i>Steve Gavrin</i>	Date Considered <i>3-14-00</i>
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